PTO/SB/05 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Attorney Docket No. RII-003CPUSCN UTILITY First Inventor Andrea D. Branch PATENT APPLICATION NOVEL HEPATITIS C VIRUS PEPTIDES AND TRANSMITTAL Title **USES THEREOF** (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EL 931 676 382 US MS Patent Application **APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) it an original, and a duplicate for fee pi Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. See 37 CFR 1.27. (if applicable, all necessary) 3. Specification х [Total Pages 46 a. X Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the invention - Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or X Paper Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table Statements verifying identity of above copies or a computer program listing appendix Background of the Invention ACCOMPANYING APPLICATIONS PARTS - Brief Summary of the Invention - Brief Description of the Drawings (if filed) Assignment Papers (cover sheet & document(s)) **Detailed Description** 37 CFR 3.73(b) Statement - Claim(s) 10. Abstract of the Disclosure (when there is an assignee) Attorney Drawing(s) (35 U.S.C. 113) [Total Sheets 11. English Translation Document (if applicable) Information Disclosure Copies of IDS 5. Oath or Declaration [Total Sheets 12. Statement (IDS)/PTO-1449 Citations **Preliminary Amendment** Newly executed (original or copy) 13. х Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) Х 14. Х (for continuation/divisional with Box 18 completed, (Should be specifically itemized) Certified Copy of Priority Document(s) DELETION OF INVENTOR(S) 15 (if foreign priority is claimed) Signed statement attached deleting Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). inventor(s) named in the prior applic see 37 CFR 1.63(d)(2) and 1.33(b). 16. Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: X Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/719277 D. Wortman Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 00959 Customer Number or Bar Code Label Х X | Correspondence address below LAHIVE & COCKFIELD, LLP Name Megan E. Williams Address 28 State Street City MA **Boston** State Zip Code | 02109 Country US Telephone (617) 227-7400 (617) 742-4214 Fax Megan E. Williams Name (Print/Type) Registration No. (Attorney/Agent) 43,270 Signature Date June 20, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL 931 676 382 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: June 20, 2003

Signature: 4

(Megan E. Williams, Ph.D.)

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EEE TOANOMITTAL		Complete if Kn wn							
FEE TRANSMITTAL  for FY 2003  Effective 01/01/2003, Patent fees are subject to annual revision.			Application Number				Not Yet Assigned		
			Filing Date				Concurrently Herewith		
			First Named Inventor				Andrea D. Branch		
Enecave o non 2003, y alant leas are subject to annual revision.		Examiner Name				D. Wortman			
X Applicant claims small entity status. See 37 CFR 1.27			Art Unit				1648		
TOTAL AMOUNT OF PAYMENT (\$) 375.00		Attorn	omey Docket No.			RII-003CPUSCN			
METHOD OF PAYMENT (check all that apply)	FEE CALCUI				CALCU	LATION (co	LATION (continued)		
Check Credit Money Order Other None  X Deposit Account	3. ADDITIONAL FEES  Large Entity Small Entity								
Deposit Account 12-0080 Number	Fee Code	Fee (\$)	Fee Code	Fee (\$)	_	Fee Desc	ription	Fee Paid	
Deposit Account Lahive & Cockfield, LLP	1051	130	2051	65	Surcharge	- late filing fe	e or oath		
Name The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge sheet.	e – late provisio	onal filing fee or cover		
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130		sh specification	n		
Charge any additional fee(s) during the pendency of this	1812	2,520	1812		•	·	oarte reexamination		
арріїсаноп	1804	920*	1804	920*	-	g publication o			
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requestin	ing publication of SIR after			
FEE CALCULATION	1251	110	2251	55	Examiner Extension	for reply within	n first month		
1. BASIC FILING FEE	1252	410	2252	205	Extension	for reply within	n second month		
Large Entity Small Entity	1253	930	2253	465	Extension	for reply within	third month		
Fee Fee Fee Fee Fee Fee Paid  Code (\$) Code (\$)	1254	1,450	2254	725	Extension	for reply within	n fourth month		
1001 750 2001 375 Utility filing fee 375.00	1255	1,970	2255	985	Extension	for reply within	n fifth month		
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of A	Notice of Appeal			
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal				
1004 750 2004 375 Reissue filing fee	1403 1451	280	2403	140		Request for oral hearing Petition to institute a public use proceeding			
1005 160 2005 80 Provisional filing fee SUBTOTAL (1) (\$) 375.00		1,510 110	1451 2452	1,510 55		on to revive – unavoidable			
		1,300	2453	650		tion to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1501	1,300	2501	650		e fee (or reissı			
Extra Fee from	1502	470	2502	235	Design iss		•		
Total Claims 19 -20** = x = 0.00	1503	630	2503	315	Plant issue	e fee			
Independent 1 -3** = x = 0.00	1460	130	1460	130	Petitions t	o the Commiss	sioner		
Claims Substitute Subs	1807	50	1807	50	Processin	g fee under 37	CFR 1.17(q)		
Large Entity Small Entity	1806	180	1806	180	Submissio	on of Information	on Disclosure Stmt		
Fee Fee Fee Fee Fee Description	8021	40	8021	40			ssignment per		
Code (\$)   Code (\$)   1202   18   2202   9   Claims in excess of 20	1809	750	2809	375		imes number o bmission after	or properties) final rejection		
1201 84 2201 42 Independent claims in excess of 3	1009	750	2009	3/3	(37 CFR 1	` ''	-4: 4- b-		
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375		For each additional invention to be examined (37CFR 1.129(b))			
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	` '				
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900		or expedited ex n application	xamination		
and over original patent	Other	Other fee (specify)							
SUBTOTAL (2) (\$) 0.00	*Red	Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00							
**or number previously paid, if greater, For Reissues, see above									
SUBMITTED BY	Posici	tration At-				T	(if applicable)		
Name (Print/Type) Megan E. Williams Registration No. (Attorney/Agent) 43,270						Telephone	(617) 227-7400		
Signature /// 41 - 6/19						Date	June 20, 2003	•	

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Dated: June 20, 2003

\_\_(Megan E. Williams, Ph.D.)